

ABSTRACT

A method for rendering halogenated hydrocarbons harmless, in which the halogenated hydrocarbons in at least one of polluted media, soil, water (groundwater, etc.), and gas are rapidly dehalogenated by the contact with an iron powder carrying an inorganic compound having an electric resistivity of about $1 \times 10^{-7} \Omega \text{ m}$ or less on the surface thereof, is provided. The iron powder for environmental remediation includes an inorganic compound having an electric resistivity of about $1 \times 10^{-7} \Omega \text{ m}$ or less on the surface thereof is also provided.